

24 pages total - mpm 10/26/05

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	104	amplifier same parametric\$6 with nonlinear and (optic\$6 with fiber)	US-PGPUB; USPAT	OR	ON	2005/10/25 13:21
S2	81	amplifier with parametric\$6 with nonlinear and (optic\$6 with fiber)	US-PGPUB; USPAT	OR	ON	2005/10/25 12:06
S3	31	amplifier with parametric\$6 with four with wave with mix\$4 and (optic\$6 with fiber)	US-PGPUB; USPAT	OR	ON	2005/10/25 12:07
S4	17	S2 and S3	US-PGPUB; USPAT	OR	ON	2005/10/25 12:07
S5	49	amplifier same parametric\$6 with nonlinear and (optic\$6 with fiber) and idler	US-PGPUB; USPAT	OR	ON	2005/10/25 13:31
S6	164	idler adj1 wavelength	US-PGPUB; USPAT	OR	ON	2005/10/25 13:32
S7	283	idler adj1 (wavelength beam)	US-PGPUB; USPAT	OR	ON	2005/10/25 13:36
S8	16	idler adj1 (wavelength beam) with defin\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 13:38
S9	70	idler adj1 (wavelength beam) with laser	US-PGPUB; USPAT	OR	ON	2005/10/25 14:35
S10	868	saturation adj1 (amplif\$6)	US-PGPUB; USPAT	OR	ON	2005/10/25 14:37
S11	126	saturation adj1 (amplif\$6) and (optic\$6 with fiber)	US-PGPUB; USPAT	OR	ON	2005/10/25 14:38
S12	23	saturation adj1 (amplif\$6) and "385"/\$.ccs.	US-PGPUB; USPAT	OR	ON	2005/10/25 15:29
S13	71	fiber with parametric\$6 adj1 amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 15:01
S14	29	fiber with parametric\$6 adj1 amplif\$6 and idler	US-PGPUB; USPAT	OR	ON	2005/10/25 15:01
S15	0	saturation adj1 (amplif\$6) with parametric	US-PGPUB; USPAT	OR	ON	2005/10/25 15:30
S16	0	saturation adj1 (amplif\$6) with parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 15:32
S17	0	saturation adj1 (amplif\$6) same parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 15:41
S18	0	saturation adj1 (amplif\$6) with (four with wave with mix\$5)	US-PGPUB; USPAT	OR	ON	2005/10/25 15:32
S19	1	saturation adj1 (amplif\$6) same (four with wave with mix\$5)	US-PGPUB; USPAT	OR	ON	2005/10/25 15:34
S20	0	saturation adj1 (amplif\$6) same (high\$3 near2 nonlinear\$6)	US-PGPUB; USPAT	OR	ON	2005/10/25 15:35
S21	23	(HNLf (high\$3 with \$3linear with fiber)) with saturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 15:49

S22	1	"20020176152"	US-PGPUB; USPAT	OR	ON	2005/10/25 15:51
S23	45	second adj1 stage with amplifi\$6 with saturat\$6 and optic\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 15:58
S24	11	second adj1 stage with amplifi\$6 with saturat\$6 and optic\$6 and (HNLf (high\$3 with \$3linear with fiber) parametric\$6)	US-PGPUB; USPAT	OR	ON	2005/10/25 16:02
S25	7	second adj1 stage with amplifi\$6 with saturat\$6 and optic\$6 and (HNLf (high\$3 with (nonlinear\$6 (non adj1 linear\$6)) with fiber) parametric\$6)	US-PGPUB; USPAT	OR	ON	2005/10/25 16:54
S26	1	"5677786".pn. and (stage with (power\$6 amplifi\$6))	US-PGPUB; USPAT	OR	ON	2005/10/25 16:58
S27	1	"5677786".pn. and (saturat\$6 with (power\$6 amplifi\$6))	US-PGPUB; USPAT	OR	ON	2005/10/25 17:10
S28	4	laser and puls\$6 same (parametric\$6 with amplifi\$6) same saturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 17:29
S29	1	"6813447".pn. and (saturat\$6 pump\$6)	US-PGPUB; USPAT	OR	ON	2005/10/25 17:30
S30	1	"6813447".pn. and (saturat\$6 pump\$6 wavelength\$6)	US-PGPUB; USPAT	OR	ON	2005/10/25 17:53
S31	4027	input adj1 (data signal) with pump\$3	US-PGPUB; USPAT	OR	ON	2005/10/25 17:54
S32	1555	input adj1 (data signal) with pump\$3 and (optic\$6)	US-PGPUB; USPAT	OR	ON	2005/10/25 17:57
S33	1117	input adj1 (data signal) with pump\$3 and (optic\$6 same amplifi\$6)	US-PGPUB; USPAT	OR	ON	2005/10/25 17:55
S34	147	input adj1 (data signal) with pump\$3 and (optic\$6) and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 19:44
S35	421	(data signal) near1 pump\$3 and (optic\$6) and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 19:45
S36	41	(data) near1 pump\$3 and (optic\$6) and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 19:46
S37	41	S36 and S35	US-PGPUB; USPAT	OR	ON	2005/10/25 19:57
S38	0	EDFA with saturat\$6 with parametric\$6 with amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 19:57
S39	0	(Er erbium) near1 (dope\$2 dopa\$3 dopi\$3) with saturat\$6 with parametric\$6 with amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 19:59
S40	3	("6501591").URPN.	USPAT	OR	OFF	2005/10/25 21:19
S41	0	S36 and S40	USPAT	OR	OFF	2005/10/25 21:19

S42	0	S37 and S40	US-PGPUB; USPAT	OR	ON	2005/10/25 21:19
S43	1	("6897434").URPN.	USPAT	OR	OFF	2005/10/25 21:23
S44	0	("6701049").URPN.	USPAT	OR	OFF	2005/10/25 21:24
S45	18	Yb with saturat\$6 with amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 21:36
S46	177	(CW continuous) with saturat\$6 with (amplifi\$6 laser)	US-PGPUB; USPAT	OR	ON	2005/10/25 21:53
S47	165	(CW continuous) with saturat\$6 with (amplifi\$6 laser) not welch.in.	US-PGPUB; USPAT	OR	ON	2005/10/25 21:38
S48	164	(CW continuous) with saturat\$6 with (amplifi\$6 laser) not welch.in. not dominic.in.	US-PGPUB; USPAT	OR	ON	2005/10/25 21:38
S49	114	(CW continuous) with saturat\$6 with (amplifi\$6 laser) not welch.in. not dominic.in. and optic\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 21:40
S50	88	(CW continuous) with Yb and optic\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 21:41
S51	4	(CW continuous) with Yb same saturat\$6 and optic\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 21:47
S52	1	Yb adj1 Er with fiber with saturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 21:54
S53	179	CW with saturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 21:49
S54	11	CW with saturat\$6 and "385"/\$. ccis.	US-PGPUB; USPAT	OR	ON	2005/10/25 21:49
S55	3	FWM with saturat\$6 with (amplifi\$6 laser)	US-PGPUB; USPAT	OR	ON	2005/10/25 21:53
S56	2	Yb adj1 Er with parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/25 22:24
S57	4	amplifi\$6 with parametric\$6 with saturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/26 09:28
S58	0	((dispersion with shift\$6 with fiber) DSF) with saturat\$6 with amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/26 09:29
S59	3	parametric\$6 with gain with saturat\$6 and optic\$6	US-PGPUB; USPAT	OR	ON	2005/10/26 09:37
S60	1	loop\$6 with mirror\$6 with gain with saturat\$6 and optic\$6	US-PGPUB; USPAT	OR	ON	2005/10/26 09:32
S61	3	parametric\$6 with amplifi\$6 with saturat\$6 and optic\$6	US-PGPUB; USPAT	OR	ON	2005/10/26 10:02
S62	1	"6665113".pn.	US-PGPUB; USPAT	OR	ON	2005/10/26 10:39
S63	61	limiting adj1 amplifi\$6 with saturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/26 10:05

S64	0	limiting adj1 amplifi\$6 with saturat\$6 and ((dispersion with shift\$6 with fiber) DSF)	US-PGPUB; USPAT	OR	ON	2005/10/26 11:38
S65	1	"5911015".pn.	US-PGPUB; USPAT	OR	ON	2005/10/26 10:49
S66	0	"5911015".pn. and (parametric\$6 with wave\$6)	US-PGPUB; USPAT	OR	ON	2005/10/26 10:49
S67	0	"5911015".pn. and (parametric\$6 same wave\$6)	US-PGPUB; USPAT	OR	ON	2005/10/26 10:50
S68	0	"5911015".pn. and (parametric\$6)	US-PGPUB; USPAT	OR	ON	2005/10/26 10:50
S69	1	"5911015".pn. and (NOLM\$6 same wave\$6)	US-PGPUB; USPAT	OR	ON	2005/10/26 15:08
S70	5	bit adj1 train with NRZ	US-PGPUB; USPAT	OR	ON	2005/10/26 10:52
S71	495	conventional\$6 with NRZ	US-PGPUB; USPAT	OR	ON	2005/10/26 10:53
S72	78	conventional\$6 with NRZ with RZ	US-PGPUB; USPAT	OR	ON	2005/10/26 11:08
S73	9	NOLM with zero: with dispersion	US-PGPUB; USPAT	OR	ON	2005/10/26 11:10
S74	1	NOLM with parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/26 11:18
S75	8	loop near2 mirror with parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/26 11:41
S76	79	amplifi\$6 with saturat\$6 with SOA	US-PGPUB; USPAT	OR	ON	2005/10/26 11:38
S77	1	loop near2 mirror with ((photonic\$6 adj1 crystal\$6) PCF)	US-PGPUB; USPAT	OR	ON	2005/10/26 11:43
S78	0	loop near2 mirror with ((photonic\$6 adj1 band\$6) PCF)	US-PGPUB; USPAT	OR	ON	2005/10/26 11:43
S79	0	loop near2 mirror with ((photonic\$6 adj1 gap\$6) PCF)	US-PGPUB; USPAT	OR	ON	2005/10/26 11:43
S80	0	loop near2 mirror with ((photonic\$6 with gap\$6) PCF)	US-PGPUB; USPAT	OR	ON	2005/10/26 11:46
S81	0	loop near2 mirror with ((photonic\$6 with gap\$6) PBG)	US-PGPUB; USPAT	OR	ON	2005/10/26 15:03
S82	0	NLOM with ((photonic\$6 with gap\$6) PBG)	US-PGPUB; USPAT	OR	ON	2005/10/26 11:46
S83	0	SLALOM with ((photonic\$6 with gap\$6) PBG)	US-PGPUB; USPAT	OR	ON	2005/10/26 11:46
S84	0	NLOLM with ((photonic\$6 with gap\$6) PBG)	US-PGPUB; USPAT	OR	ON	2005/10/26 12:48
S85	3	CW with independent with polariz\$6	US-PGPUB; USPAT	OR	ON	2005/10/26 12:55



S86	374	ring with laser with linear	US-PGPUB; USPAT	OR	ON	2005/10/26 12:55
S87	169	ring adj1 laser with linear	US-PGPUB; USPAT	OR	ON	2005/10/26 12:55
S88	4	((loop near2 mirror) NOLM NLOM) with (polariz\$6 with align\$6)	US-PGPUB; USPAT	OR	ON	2005/10/26 15:04
S89	1	"5911015".pn. and (polariz\$6 same control\$6)	US-PGPUB; USPAT	OR	ON	2005/10/26 15:25
S90	1	"5911015".pn. and (recover\$6 same clock\$6)	US-PGPUB; USPAT	OR	ON	2005/10/26 15:27
S91	1	"5911015".pn. and (recover\$6 same clock\$6) and (kerr with modulat\$6)	US-PGPUB; USPAT	OR	ON	2005/10/26 16:00
S92	1	"5911015".pn. and (recover\$6 same clock\$6) and (kerr with modulat\$6) and (phas\$6 with modulat\$6)	US-PGPUB; USPAT	OR	ON	2005/10/26 16:57
S93	374	nonlinear\$6 with fiber with crystal\$6	US-PGPUB; USPAT	OR	ON	2005/10/26 16:58
S94	371	nonlinear\$6 with fiber with crystal\$6 and (optic\$6 with fiber)	US-PGPUB; USPAT	OR	ON	2005/10/26 16:58
S95	96	nonlinear\$6 with fiber with crystal\$6 and (parametric\$6 (loop with mirror))	US-PGPUB; USPAT	OR	ON	2005/10/26 17:00
S96	14	nonlinear\$6 with fiber with crystal\$6 and ((loop with mirror))	US-PGPUB; USPAT	OR	ON	2005/10/26 17:36
S97	13	nonlinear\$6 with fiber with crystal\$6 and ((loop with mirror)) and amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/26 17:07
S98	0	nonlinear\$6 with fiber with crystal\$6 same ((loop with mirror))	US-PGPUB; USPAT	OR	ON	2005/10/26 17:12
S99	10	nonlinear\$6 with fiber with crystal\$6 and ((loop with mirror)) and polariz\$6	US-PGPUB; USPAT	OR	ON	2005/10/26 17:39
S10 0	8	nonlinear\$6 with fiber with crystal\$6 and ((loop with mirror)) and polariz\$6 and CW	US-PGPUB; USPAT	OR	ON	2005/10/26 17:39

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20010053165"	US-PGPUB; USPAT	OR	ON	2005/10/08 12:16
S2	4812	semiconduct\$6 with optic\$6 with amplifier	US-PGPUB; USPAT	OR	ON	2005/10/15 14:33
S3	1206	semiconduct\$6 with optic\$6 with amplifier and "2003"	US-PGPUB; USPAT	OR	ON	2005/06/23 17:52
S4	746	semiconduct\$6 with optic\$6 with amplifier and "2004"	US-PGPUB; USPAT	OR	ON	2005/06/23 17:52
S5	274	(semiconduct\$6 with optic\$6 with amplifier) and ((return with to with zero) NRZ)	US-PGPUB; USPAT	OR	ON	2005/06/23 18:03
S6	5	("2001/0053165").URPN.	USPAT	OR	OFF	2005/06/23 21:12
S7	2	("2001/0053165").URPN. and amplif\$6 and dispers\$6	US-PGPUB; USPAT	OR	ON	2005/06/23 21:14
S8	1	("2001/0053165").URPN. and amplif\$6 and dispers\$6 and ((return with to with zero) NRZ)	US-PGPUB; USPAT	OR	ON	2005/06/23 21:14
S9	1	("6721081").URPN.	USPAT	OR	OFF	2005/06/23 21:25
S10	0	("6809849").URPN.	USPAT	OR	OFF	2005/06/23 21:25
S11	1	("6721081").URPN. and amplif\$6 and dispers\$6 and ((return with to with zero) NRZ)	USPAT	OR	OFF	2005/06/23 21:26
S12	15	semiconductor with optical with amplifier with limiting	US-PGPUB; USPAT	OR	ON	2005/10/08 14:28
S13	9	"3566128".pn. "5828478".pn. "5933265".pn. "6078416".pn. "6108125".pn. "6141129".pn. "6201621".pn. "6335819".pn. "6437320".pn.	US-PGPUB; USPAT	OR	ON	2005/10/08 13:45
S14	8	("6335819").URPN.	USPAT	OR	OFF	2005/10/08 13:34
S15	101	circulat\$6 with limit\$6 with (amplif\$6 EDFA)	US-PGPUB; USPAT	OR	ON	2005/10/08 13:34
S16	20	circulat\$6 near2 limit\$6 with (amplif\$6 EDFA)	US-PGPUB; USPAT	OR	ON	2005/10/08 13:35
S17	5	("6201621").URPN.	USPAT	OR	OFF	2005/10/08 13:43
S18	6	("5457559"   "6097529"   "6201621"   "6282007"   "6373608"   "6532091").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/08 13:56
S19	1	"6718142".pn.	US-PGPUB; USPAT	OR	ON	2005/10/08 13:45
S20	448	NRZ and RZ same input\$6 and optic\$6	US-PGPUB; USPAT	OR	ON	2005/10/08 17:23
S21	448	NRZ and RZ same input\$6 and optic\$6	US-PGPUB; USPAT	OR	ON	2005/10/08 14:01

S22	27	S21 and 398/183.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/08 14:07
S23	1003	mullen.xp.	US-PGPUB; USPAT	OR	ON	2005/10/08 14:07
S24	1003	mullen.xp. with Thomas	US-PGPUB; USPAT	OR	ON	2005/10/08 14:07
S25	39	mullen.xp. with Thomas and ("2003" "2004" "2005")	US-PGPUB; USPAT	OR	ON	2005/10/08 14:08
S26	0	semiconductor with optical with amplifier with limiting with parametr\$6	US-PGPUB; USPAT	OR	ON	2005/10/08 14:28
S27	34	semiconductor with optical with amplifier with parametr\$6	US-PGPUB; USPAT	OR	ON	2005/10/08 15:48
S28	0	RZ with wdm with er	US-PGPUB; USPAT	OR	ON	2005/10/08 15:48
S29	0	RZ same wdm same er	US-PGPUB; USPAT	OR	ON	2005/10/08 15:48
S30	24	RZ same er	US-PGPUB; USPAT	OR	ON	2005/10/08 17:23
S31	679	((continuous\$4 adj1 wave) CW) with (light adj1 (signal\$4 source)) with puls\$6	US-PGPUB; USPAT	OR	ON	2005/10/08 17:25
S32	95	S31 and ("385"/\$.ccls. "398"/\$. ccls.)	US-PGPUB; USPAT	OR	ON	2005/10/10 11:17
S33	19	parametric\$6 with self\$6 with modulat\$6 with phase	US-PGPUB; USPAT	OR	ON	2005/10/10 11:26
S34	0	gain\$6 adj1 saturat\$6 with parametric\$6 with amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/10 11:30
S35	1	gain\$6 with saturat\$6 with parametric\$6 with amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/10 11:28
S36	0	parametric\$6 with exponential\$6 adj1 amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/10 11:31
S37	7	parametric\$6 with exponential\$6 with amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/10 12:08
S38	187	gain near1 amplifi\$6 and parametric\$6 near1 amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/10 11:38
S39	107	gain near1 amplifi\$6 and parametric\$6 near1 amplifi\$6 and (optic\$6 with fiber)	US-PGPUB; USPAT	OR	ON	2005/10/10 11:39
S40	42	gain near1 amplifi\$6 same parametric\$6 near1 amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/10 11:39
S41	18	gain near1 amplifi\$6 same parametric\$6 near1 amplifi\$6 and (optic\$6 with fiber)	US-PGPUB; USPAT	OR	ON	2005/10/10 11:40

S42	4	gain near1 saturat\$6 same parametric\$6 near1 amplifi\$6 and (optic\$6 with fiber)	US-PGPUB; USPAT	OR	ON	2005/10/10 11:42
S43	5	(exponential\$6 with amplifi\$6) with ((semiconduct\$6 with optic\$6 with amplifier) SOA)	US-PGPUB; USPAT	OR	ON	2005/10/10 13:31
S44	2	("6456424").URPN.	USPAT	OR	OFF	2005/10/10 13:06
S45	0	("6856450").URPN.	USPAT	OR	OFF	2005/10/10 13:08
S46	37	(parametric\$6) with ((semiconduct\$6 with optic\$6 with amplifier) SOA)	US-PGPUB; USPAT	OR	ON	2005/10/11 11:09
S47	1	("6665113").URPN.	USPAT	OR	OFF	2005/10/10 14:23
S48	8	(parametric\$6) with loop\$6 with mirror	US-PGPUB; USPAT	OR	ON	2005/10/11 11:00
S49	1	"6501591".pn.	US-PGPUB; USPAT	OR	ON	2005/10/11 11:00
S50	3	("6501591").URPN.	USPAT	OR	OFF	2005/10/11 11:02
S51	2	mooney.xa. and loop with mirror	US-PGPUB; USPAT	OR	ON	2005/10/11 12:45
S52	85	((loop with mirror) NLOLM NOLM) with ((semiconduct\$6 with optic\$6 with amplifier) SOA)	US-PGPUB; USPAT	OR	ON	2005/10/11 11:10
S53	4	((loop with mirror) NLOLM NOLM) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/11 12:28
S54	122	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplifi\$6)) with ((semiconduct\$6 with optic\$6 with amplifier) SOA)	US-PGPUB; USPAT	OR	ON	2005/10/11 11:18
S55	148	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplifi\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA)	US-PGPUB; USPAT	OR	ON	2005/10/11 12:04
S56	82	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplifi\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW)	US-PGPUB; USPAT	OR	ON	2005/10/11 11:19
S57	23	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplifi\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW) and (NRZ RZ)	US-PGPUB; USPAT	OR	ON	2005/10/11 11:43



S58	4	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW) and (NRZ RZ) and (saturat\$6 with amplif\$6)	US-PGPUB; USPAT	OR	ON	2005/10/11 11:55
S59	0	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW) and (NRZ RZ) and (unsaturat\$6 with amplif\$6)	US-PGPUB; USPAT	OR	ON	2005/10/11 11:44
S60	1	"20020044723" and saturable with absorption with device	US-PGPUB; USPAT	OR	ON	2005/10/11 11:55
S61	0	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and (parametric\$6 with absorb\$6)	US-PGPUB; USPAT	OR	ON	2005/10/11 12:05
S62	1	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and (parametric\$6 same absorb\$6)	US-PGPUB; USPAT	OR	ON	2005/10/11 12:05
S63	10	erbium with fiber with ring with laser and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/11 12:18
S64	0	erbium with fiber with ring with laser same parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/11 12:18
S65	2	((loop with mirror) NLOLM NOLM) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) and parametric\$6 and saturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/11 12:28
S66	185	SOA with EDFA	US-PGPUB; USPAT	OR	ON	2005/10/11 12:50
S67	1	"6462860".pn.	US-PGPUB; USPAT	OR	ON	2005/10/11 13:40
S68	13	(bigo.in. lelcerc.in. desurvire.in.) and (loop with mirror)	US-PGPUB; USPAT	OR	ON	2005/10/11 13:58
S69	0	("6441939").URPN.	USPAT	OR	OFF	2005/10/11 13:43
S70	0	("6441939").URPN.	USPAT	OR	OFF	2005/10/11 13:46
S71	0	("6441939").URPN.	USPAT	OR	OFF	2005/10/11 13:47
S72	4	("6239893").URPN.	USPAT	OR	OFF	2005/10/11 13:49
S73	0	("6671426").URPN.	USPAT	OR	OFF	2005/10/11 13:54
S74	0	("6568597").URPN.	USPAT	OR	OFF	2005/10/11 13:55
S75	5	("6201621").URPN.	USPAT	OR	OFF	2005/10/11 13:57

S76	0	("6950612").URPN.	USPAT	OR	OFF	2005/10/11 13:56
S77	0	("6201621").URPN. and parametric\$6	USPAT	OR	ON	2005/10/11 13:57
S78	0	(bigo.in. lelcerc.in. desurvire.in.) and (loop with mirror) and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/11 13:58
S79	1	("6160650").URPN.	USPAT	OR	OFF	2005/10/11 14:00
S80	1	("6341022").URPN.	USPAT	OR	OFF	2005/10/11 14:15
S81	5578	clock with input with (signal data) and optic\$6 with fiber	US-PGPUB; USPAT	OR	ON	2005/10/11 14:17
S82	3327	clock with input with (data) and optic\$6 with fiber	US-PGPUB; USPAT	OR	ON	2005/10/11 14:16
S83	959	clock with input adj1 (data) and optic\$6 with fiber	US-PGPUB; USPAT	OR	ON	2005/10/11 14:17
S84	294	clock with input adj1 (data) and optic\$6 with fiber and ("2003" "2004" "2005")	US-PGPUB; USPAT	OR	ON	2005/10/11 14:17
S85	713	clock with input with (signal data) and ("385"/\$.ccls. "359"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/10/11 15:11
S86	181	clock with input with (signal data) and ("385"/\$.ccls. "359"/\$.ccls.) and ("2003" "2004" "2005")	US-PGPUB; USPAT	OR	ON	2005/10/11 15:11
S87	312	clock with input with (data) and ("385"/\$.ccls. "359"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/10/11 15:12
S88	92	clock with input with (data) and ("385"/\$.ccls. "359"/\$.ccls.) and ("2003" "2004" "2005")	US-PGPUB; USPAT	OR	ON	2005/10/11 15:20
S89	22	gain with clamp\$5 with saturat\$6 with SOA	US-PGPUB; USPAT	OR	ON	2005/10/11 15:39
S90	1	"6501591".pn.	US-PGPUB; USPAT	OR	ON	2005/10/11 15:52
S91	174	DSF with amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/11 15:42
S92	117	DSF with amplif\$6 and ("385"/\$.ccls. "359"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/10/11 15:45
S93	1	DSF with amplif\$6 and ("385"/\$.ccls. "359"/\$.ccls.) and (DSF with (saturat\$6 unsaturat\$6))	US-PGPUB; USPAT	OR	ON	2005/10/11 15:46
S94	0	DSF with amplif\$6 and ("385"/\$.ccls. "359"/\$.ccls.) and ((dispers\$6 with shift\$5 with fiber) with (saturat\$6 unsaturat\$6))	US-PGPUB; USPAT	OR	ON	2005/10/11 15:47
S95	1	((dispers\$6 with shift\$5 with fiber) with (saturat\$6 unsaturat\$6))	US-PGPUB; USPAT	OR	ON	2005/10/11 15:48
S96	1	"6501591".pn. and (continu\$6 CW)	US-PGPUB; USPAT	OR	ON	2005/10/11 16:04

S97	38	Kumar.in. and "1136"	US-PGPUB; USPAT	OR	ON	2005/10/11 16:04
S98	3	("6501591").URPN.	USPAT	OR	OFF	2005/10/11 16:21
S99	2	("6501591").URPN. and (continuat\$6 CW)	USPAT	OR	OFF	2005/10/11 16:21
S10 0	0	("6897434").URPN.	USPAT	OR	OFF	2005/10/11 16:29
S10 1	0	("6701049").URPN.	USPAT	OR	OFF	2005/10/12 09:46
S10 2	1	"20020176152"	US-PGPUB; USPAT	OR	ON	2005/10/12 09:48
S10 3	1	"20020176152" and "40" same saturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 09:48
S10 4	0	"20020176152" and "40" same unsaturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 09:48
S10 5	2	("2002/0176152").URPN.	USPAT	OR	OFF	2005/10/12 09:51
S10 6	2	("2002/0176152").URPN. and (parametr\$6 saturat\$6)	US-PGPUB; USPAT	OR	ON	2005/10/12 09:52
S10 7	0	("6867903").URPN.	USPAT	OR	OFF	2005/10/12 09:57
S10 8	3	("20020176152"   "5619368"   "6487004").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/12 09:57
S10 9	1	("6487004").URPN.	USPAT	OR	OFF	2005/10/12 09:58
S11 0	20	("5619368").URPN.	USPAT	OR	OFF	2005/10/12 10:06
S11 1	0	"6952309".pn. and saturat\$6	USPAT	OR	ON	2005/10/12 10:05
S11 2	7	("5619368").URPN. and saturat\$6	USPAT	OR	OFF	2005/10/12 10:06
S11 3	9	("6347174").URPN.	USPAT	OR	OFF	2005/10/12 10:41
S11 4	4	("6661958").URPN.	USPAT	OR	OFF	2005/10/12 10:43
S11 5	12	("20030123826"   "20030133678"   "20040033041"   "5838867"   "6181858"   "6415089"   "6470126"   "6546177"   "6591048"   "6614976"   "6658190"   "6661958").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/12 10:46
S11 6	1	("6856744").URPN.	USPAT	OR	OFF	2005/10/12 10:46
S11 7	1	("6621619").URPN.	USPAT	OR	OFF	2005/10/12 10:48

S118	7	("6470126").URPN.	USPAT	OR	OFF	2005/10/12 10:50
S119	0	("6859599").URPN.	USPAT	OR	OFF	2005/10/12 10:51
S120	1	("6763168").URPN.	USPAT	OR	OFF	2005/10/12 10:54
S121	2	("6317252").URPN.	USPAT	OR	OFF	2005/10/12 10:55
S122	7	("6259552").URPN.	USPAT	OR	OFF	2005/10/12 11:07
S123	1	"5911015".pn.	USPAT	OR	OFF	2005/10/12 12:09
S124	8	"in-line" adj1 amplif\$6 with saturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 11:10
S125	8	"in-line" adj1 amplif\$6 with saturat\$6 and optic\$6 with fiber	US-PGPUB; USPAT	OR	ON	2005/10/12 11:10
S126	2	("6671466").URPN.	USPAT	OR	OFF	2005/10/12 11:44
S127	8	(NOLM (loop with mirror)) with parametric	US-PGPUB; USPAT	OR	ON	2005/10/12 11:48
S128	1	"5911015".pn. and (contin\$6 CW)	USPAT	OR	OFF	2005/10/12 12:09
S129	1	"5911015".pn. and (contin\$6 CW)	USPAT	OR	ON	2005/10/12 12:50
S130	29	kumar.in. and agrawal.in.	US-PGPUB; USPAT	OR	ON	2005/10/12 12:58
S131	0	kumar.in. and (agrawal.in. agarawal.in.) and wang.in. and su.in.	US-PGPUB; USPAT	OR	ON	2005/10/12 12:52
S132	0	kumar.in. and (agrawal.in. agarawal.in.) and wang.in.	US-PGPUB; USPAT	OR	ON	2005/10/12 12:52
S133	29	kumar.in. and (agrawal.in. agarawal.in.)	US-PGPUB; USPAT	OR	ON	2005/10/12 12:52
S134	0	kumar.in. and FWM and ASE and PM and PMD	US-PGPUB; USPAT	OR	ON	2005/10/12 12:59
S135	0	kumar.in. and FWM and ASE	US-PGPUB; USPAT	OR	ON	2005/10/12 12:59
S136	6	kumar.in. and FWM	US-PGPUB; USPAT	OR	ON	2005/10/12 13:39
S137	52	(regenerat\$6 with (bit with rate (BER))) and (regenerat\$6 same (NRZ RZ))	US-PGPUB; USPAT	OR	ON	2005/10/12 14:24
S138	85	SOA with saturat\$6 with amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 14:32
S139	0	AMZI with parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 14:33



S14 0	0	MZI with parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 14:33
S14 1	9	Mach with Zehnder with parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 15:31
S14 2	1	"6867903".pn. and parametric\$6 same amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 15:39
S14 3	0	"6636318".pn. and parametric\$6 same amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 15:39
S14 4	0	"6636318".pn. and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 15:43
S14 5	0	"6636318".pn. and saturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 15:42
S14 6	0	"6636318".pn. and satura\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 15:42
S14 7	0	"6636318".pn. and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 15:43
S14 8	1	("6636318").URPN.	USPAT	OR	OFF	2005/10/12 16:34
S14 9	0	MZI with limit\$6 near2 amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 16:35
S15 0	0	\$2MZI with limit\$6 near2 amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 16:35
S15 1	0	("6943925").URPN.	USPAT	OR	OFF	2005/10/12 16:46
S15 2	3	("6614582").URPN.	USPAT	OR	OFF	2005/10/12 18:46
S15 3	48	((high\$4 with nonlinear\$4) HNL) with ((dispersion with fiber) DSF) with amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 17:33
S15 4	1	"6813447".pn. and idl\$6 with wave\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 17:36
S15 5	1	"6813447".pn. and idl\$6 with wave\$6 and cavit\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 17:37
S15 6	1	"6813447".pn. and idl\$6 with wave\$6 and cavit\$6 and (ring\$4 with laser)	US-PGPUB; USPAT	OR	ON	2005/10/12 17:44
S15 7	0	"6813447".pn. and idl\$6 with wave\$6 and cavit\$6 and (ring\$4 with laser) and nrz	US-PGPUB; USPAT	OR	ON	2005/10/12 17:44
S15 8	1	"6813447".pn. and idl\$6 with wave\$6 and cavit\$6 and (ring\$4 with laser) and rz	US-PGPUB; USPAT	OR	ON	2005/10/12 17:46
S15 9	0	"6813447".urpn	US-PGPUB; USPAT	OR	ON	2005/10/12 17:46
S16 0	1	"20020176152"	US-PGPUB; USPAT	OR	ON	2005/10/12 18:46

S16 1	1	"20020176152" and nrz	US-PGPUB; USPAT	OR	ON	2005/10/12 18:49
S16 2	1	"20020176152" and nrz and (saturat\$6 unsaturat\$6)	US-PGPUB; USPAT	OR	ON	2005/10/12 18:50
S16 3	0	"20020176152" and nrz and (saturat\$6 unsaturat\$6) and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 18:51
S16 4	1	"20020176152" and nrz and (saturat\$6 unsaturat\$6) and paramet\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 18:53
S16 5	1	"20020176152" and nrz and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 18:54
S16 6	0	"20020176152" and (nrz same input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 18:55
S16 7	1	"20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 19:06
S16 8	1	"20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same (slalom\$6 soa)	US-PGPUB; USPAT	OR	ON	2005/10/12 19:12
S16 9	1	"20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same (slalom\$6 soa) and SMZ	US-PGPUB; USPAT	OR	ON	2005/10/12 19:23
S17 0	1	"20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same (slalom\$6 soa) and SMZ and regenerat\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 14:30
S17 1	1	"20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same (slalom\$6 soa) and SMZ and regenerat\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 14:42
S17 2	69	semiconduct\$6 with opticc\$6 with amplifier and parametric\$6 with nonlinear	US-PGPUB; USPAT	OR	ON	2005/10/15 15:00
S17 3	0	slalom with parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 14:35
S17 4	0	slalom same parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 14:35

S17 5	8	((loop with mirror) NLOLM NOLM) with parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 14:37
S17 6	1	"20020176152" and "30" with \$6linear	US-PGPUB; USPAT	OR	ON	2005/10/15 14:51
S17 7	1	"20020176152" and "30" same \$6linear	US-PGPUB; USPAT	OR	ON	2005/10/15 14:50
S17 8	4	exponent\$6 with amplif\$6 with parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 14:46
S17 9	0	"20020176152" and exponent\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 14:50
S18 0	1	"20020176152" and "30" with amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 14:52
S18 1	498	amplifier and parametric\$6 with nonlinear	US-PGPUB; USPAT	OR	ON	2005/10/15 15:01
S18 2	234	amplifier and parametric\$6 with nonlinear and (optic\$6 with fiber)	US-PGPUB; USPAT	OR	ON	2005/10/15 15:13
S18 3	103	amplifier same parametric\$6 with nonlinear and (optic\$6 with fiber)	US-PGPUB; USPAT	OR	ON	2005/10/15 15:17
S18 4	9	SOA with crystal\$6 with nonlinear\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 15:17

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20010053165"	US-PGPUB; USPAT	OR	ON	2005/10/08 12:16
S2	4812	semiconduct\$6 with optic\$6 with amplifier	US-PGPUB; USPAT	OR	ON	2005/10/10 12:09
S3	1206	semiconduct\$6 with optic\$6 with amplifier and "2003"	US-PGPUB; USPAT	OR	ON	2005/06/23 17:52
S4	746	semiconduct\$6 with optic\$6 with amplifier and "2004"	US-PGPUB; USPAT	OR	ON	2005/06/23 17:52
S5	274	(semiconduct\$6 with optic\$6 with amplifier) and ((return with to with zero) NRZ)	US-PGPUB; USPAT	OR	ON	2005/06/23 18:03
S6	5	("2001/0053165").URPN.	USPAT	OR	OFF	2005/06/23 21:12
S7	2	("2001/0053165").URPN. and amplif\$6 and dispers\$6	US-PGPUB; USPAT	OR	ON	2005/06/23 21:14
S8	1	("2001/0053165").URPN. and amplif\$6 and dispers\$6 and ((return with to with zero) NRZ)	US-PGPUB; USPAT	OR	ON	2005/06/23 21:14
S9	1	("6721081").URPN.	USPAT	OR	OFF	2005/06/23 21:25
S10	0	("6809849").URPN.	USPAT	OR	OFF	2005/06/23 21:25
S11	1	("6721081").URPN. and amplif\$6 and dispers\$6 and ((return with to with zero) NRZ)	USPAT	OR	OFF	2005/06/23 21:26
S12	15	semiconductor with optical with amplifier with limiting	US-PGPUB; USPAT	OR	ON	2005/10/08 14:28
S13	9	"3566128".pn. "5828478".pn. "5933265".pn. "6078416".pn. "6108125".pn. "6141129".pn. "6201621".pn. "6335819".pn. "6437320".pn.	US-PGPUB; USPAT	OR	ON	2005/10/08 13:45
S14	8	("6335819").URPN.	USPAT	OR	OFF	2005/10/08 13:34
S15	101	circulat\$6 with limit\$6 with (amplif\$6 EDFA)	US-PGPUB; USPAT	OR	ON	2005/10/08 13:34
S16	20	circulat\$6 near2 limit\$6 with (amplif\$6 EDFA)	US-PGPUB; USPAT	OR	ON	2005/10/08 13:35
S17	5	("6201621").URPN.	USPAT	OR	OFF	2005/10/08 13:43
S18	6	("5457559"   "6097529"   "6201621"   "6282007"   "6373608"   "6532091").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/08 13:56
S19	1	"6718142".pn.	US-PGPUB; USPAT	OR	ON	2005/10/08 13:45
S20	448	NRZ and RZ same input\$6 and optic\$6	US-PGPUB; USPAT	OR	ON	2005/10/08 17:23
S21	448	NRZ and RZ same input\$6 and optic\$6	US-PGPUB; USPAT	OR	ON	2005/10/08 14:01



S22	27	S21 and 398/183.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/08 14:07
S23	1003	mullen.xp.	US-PGPUB; USPAT	OR	ON	2005/10/08 14:07
S24	1003	mullen.xp. with Thomas	US-PGPUB; USPAT	OR	ON	2005/10/08 14:07
S25	39	mullen.xp. with Thomas and ("2003" "2004" "2005")	US-PGPUB; USPAT	OR	ON	2005/10/08 14:08
S26	0	semiconductor with optical with amplifier with limiting with parametr\$6	US-PGPUB; USPAT	OR	ON	2005/10/08 14:28
S27	34	semiconductor with optical with amplifier with parametr\$6	US-PGPUB; USPAT	OR	ON	2005/10/08 15:48
S28	0	RZ with wdm with er	US-PGPUB; USPAT	OR	ON	2005/10/08 15:48
S29	0	RZ same wdm same er	US-PGPUB; USPAT	OR	ON	2005/10/08 15:48
S30	24	RZ same er	US-PGPUB; USPAT	OR	ON	2005/10/08 17:23
S31	679	((continuous\$4 adj1 wave) CW) with (light adj1 (signal\$4 source)) with puls\$6	US-PGPUB; USPAT	OR	ON	2005/10/08 17:25
S32	95	S31 and ("385"/\$.ccls. "398"/\$. ccls.)	US-PGPUB; USPAT	OR	ON	2005/10/10 11:17
S33	19	parametric\$6 with self\$6 with modulat\$6 with phase	US-PGPUB; USPAT	OR	ON	2005/10/10 11:26
S34	0	gain\$6 adj1 saturat\$6 with parametric\$6 with amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/10 11:30
S35	1	gain\$6 with saturat\$6 with parametric\$6 with amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/10 11:28
S36	0	parametric\$6 with exponential\$6 adj1 amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/10 11:31
S37	7	parametric\$6 with exponential\$6 with amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/10 12:08
S38	187	gain near1 amplifi\$6 and parametric\$6 near1 amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/10 11:38
S39	107	gain near1 amplifi\$6 and parametric\$6 near1 amplifi\$6 and (optic\$6 with fiber)	US-PGPUB; USPAT	OR	ON	2005/10/10 11:39
S40	42	gain near1 amplifi\$6 same parametric\$6 near1 amplifi\$6	US-PGPUB; USPAT	OR	ON	2005/10/10 11:39
S41	18	gain near1 amplifi\$6 same parametric\$6 near1 amplifi\$6 and (optic\$6 with fiber)	US-PGPUB; USPAT	OR	ON	2005/10/10 11:40

S42	4	gain near1 saturat\$6 same parametric\$6 near1 amplifi\$6 and (optic\$6 with fiber)	US-PGPUB; USPAT	OR	ON	2005/10/10 11:42
S43	5	(exponential\$6 with amplifi\$6) with ((semiconduct\$6 with optic\$6 with amplifier) SOA)	US-PGPUB; USPAT	OR	ON	2005/10/10 13:31
S44	2	("6456424").URPN.	USPAT	OR	OFF	2005/10/10 13:06
S45	0	("6856450").URPN.	USPAT	OR	OFF	2005/10/10 13:08
S46	37	(parametric\$6) with ((semiconduct\$6 with optic\$6 with amplifier) SOA)	US-PGPUB; USPAT	OR	ON	2005/10/11 11:09
S47	1	("6665113").URPN.	USPAT	OR	OFF	2005/10/10 14:23
S48	8	(parametric\$6) with loop\$6 with mirror	US-PGPUB; USPAT	OR	ON	2005/10/11 11:00
S49	1	"6501591".pn.	US-PGPUB; USPAT	OR	ON	2005/10/11 11:00
S50	3	("6501591").URPN.	USPAT	OR	OFF	2005/10/11 11:02
S51	2	mooney.xa. and loop with mirror	US-PGPUB; USPAT	OR	ON	2005/10/11 12:45
S52	85	((loop with mirror) NLOLM NOLM) with ((semiconduct\$6 with optic\$6 with amplifier) SOA)	US-PGPUB; USPAT	OR	ON	2005/10/11 11:10
S53	4	((loop with mirror) NLOLM NOLM) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/11 12:28
S54	122	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplifi\$6)) with ((semiconduct\$6 with optic\$6 with amplifier) SOA)	US-PGPUB; USPAT	OR	ON	2005/10/11 11:18
S55	148	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplifi\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA)	US-PGPUB; USPAT	OR	ON	2005/10/11 12:04
S56	82	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplifi\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW)	US-PGPUB; USPAT	OR	ON	2005/10/11 11:19
S57	23	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplifi\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW) and (NRZ RZ)	US-PGPUB; USPAT	OR	ON	2005/10/11 11:43

S58	4	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW) and (NRZ RZ) and (saturat\$6 with amplif\$6)	US-PGPUB; USPAT	OR	ON	2005/10/11 11:55
S59	0	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and ((continu\$6 with wave\$6) CW) and (NRZ RZ) and (unsaturat\$6 with amplif\$6)	US-PGPUB; USPAT	OR	ON	2005/10/11 11:44
S60	1	"20020044723" and saturable with absorption with device	US-PGPUB; USPAT	OR	ON	2005/10/11 11:55
S61	0	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and (parametric\$6 with absorb\$6)	US-PGPUB; USPAT	OR	ON	2005/10/11 12:05
S62	1	((loop with mirror) NLOLM NOLM) (parametric\$6 with amplif\$6)) same ((semiconduct\$6 with optic\$6 with amplifier) SOA) and (parametric\$6 same absorb\$6)	US-PGPUB; USPAT	OR	ON	2005/10/11 12:05
S63	10	erbium with fiber with ring with laser and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/11 12:18
S64	0	erbium with fiber with ring with laser same parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/11 12:18
S65	2	((loop with mirror) NLOLM NOLM) with ((semiconduct\$6 with optic\$6 with amplifier) SOA) and parametric\$6 and saturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/11 12:28
S66	185	SOA with EDFA	US-PGPUB; USPAT	OR	ON	2005/10/11 12:50
S67	1	"6462860".pn.	US-PGPUB; USPAT	OR	ON	2005/10/11 13:40
S68	13	(bigo.in. lelcerc.in. desurvire.in.) and (loop with mirror)	US-PGPUB; USPAT	OR	ON	2005/10/11 13:58
S69	0	("6441939").URPN.	USPAT	OR	OFF	2005/10/11 13:43
S70	0	("6441939").URPN.	USPAT	OR	OFF	2005/10/11 13:46
S71	0	("6441939").URPN.	USPAT	OR	OFF	2005/10/11 13:47
S72	4	("6239893").URPN.	USPAT	OR	OFF	2005/10/11 13:49
S73	0	("6671426").URPN.	USPAT	OR	OFF	2005/10/11 13:54
S74	0	("6568597").URPN.	USPAT	OR	OFF	2005/10/11 13:55
S75	5	("6201621").URPN.	USPAT	OR	OFF	2005/10/11 13:57

S76	0	("6950612").URPN.	USPAT	OR	OFF	2005/10/11 13:56
S77	0	("6201621").URPN. and parametric\$6	USPAT	OR	ON	2005/10/11 13:57
S78	0	(bigo.in. leclerc.in. desurvire.in.) and (loop with mirror) and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/11 13:58
S79	1	("6160650").URPN.	USPAT	OR	OFF	2005/10/11 14:00
S80	1	("6341022").URPN.	USPAT	OR	OFF	2005/10/11 14:15
S81	5578	clock with input with (signal data) and optic\$6 with fiber	US-PGPUB; USPAT	OR	ON	2005/10/11 14:17
S82	3327	clock with input with (data) and optic\$6 with fiber	US-PGPUB; USPAT	OR	ON	2005/10/11 14:16
S83	959	clock with input adj1 (data) and optic\$6 with fiber	US-PGPUB; USPAT	OR	ON	2005/10/11 14:17
S84	294	clock with input adj1 (data) and optic\$6 with fiber and ("2003" "2004" "2005")	US-PGPUB; USPAT	OR	ON	2005/10/11 14:17
S85	713	clock with input with (signal data) and ("385"/\$.ccls. "359"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/10/11 15:11
S86	181	clock with input with (signal data) and ("385"/\$.ccls. "359"/\$.ccls.) and ("2003" "2004" "2005")	US-PGPUB; USPAT	OR	ON	2005/10/11 15:11
S87	312	clock with input with (data) and ("385"/\$.ccls. "359"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/10/11 15:12
S88	92	clock with input with (data) and ("385"/\$.ccls. "359"/\$.ccls.) and ("2003" "2004" "2005")	US-PGPUB; USPAT	OR	ON	2005/10/11 15:20
S89	22	gain with clamp\$5 with saturat\$6 with SOA	US-PGPUB; USPAT	OR	ON	2005/10/11 15:39
S90	1	"6501591".pn.	US-PGPUB; USPAT	OR	ON	2005/10/11 15:52
S91	174	DSF with amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/11 15:42
S92	117	DSF with amplif\$6 and ("385"/\$.ccls. "359"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2005/10/11 15:45
S93	1	DSF with amplif\$6 and ("385"/\$.ccls. "359"/\$.ccls.) and (DSF with (saturat\$6 unsaturat\$6))	US-PGPUB; USPAT	OR	ON	2005/10/11 15:46
S94	0	DSF with amplif\$6 and ("385"/\$.ccls. "359"/\$.ccls.) and ((dispers\$6 with shift\$5 with fiber) with (saturat\$6 unsaturat\$6))	US-PGPUB; USPAT	OR	ON	2005/10/11 15:47
S95	1	((dispers\$6 with shift\$5 with fiber) with (saturat\$6 unsaturat\$6))	US-PGPUB; USPAT	OR	ON	2005/10/11 15:48
S96	1	"6501591".pn. and (continu\$6 CW)	US-PGPUB; USPAT	OR	ON	2005/10/11 16:04



S97	38	Kumar.in. and "1136"	US-PGPUB; USPAT	OR	ON	2005/10/11 16:04
S98	3	("6501591").URPN.	USPAT	OR	OFF	2005/10/11 16:21
S99	2	("6501591").URPN. and (continu\$6 CW)	USPAT	OR	OFF	2005/10/11 16:21
S10 0	0	("6897434").URPN.	USPAT	OR	OFF	2005/10/11 16:29
S10 1	0	("6701049").URPN.	USPAT	OR	OFF	2005/10/12 09:46
S10 2	1	"20020176152"	US-PGPUB; USPAT	OR	ON	2005/10/12 09:48
S10 3	1	"20020176152" and "40" same saturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 09:48
S10 4	0	"20020176152" and "40" same unsaturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 09:48
S10 5	2	("2002/0176152").URPN.	USPAT	OR	OFF	2005/10/12 09:51
S10 6	2	("2002/0176152").URPN. and (parametr\$6 saturat\$6)	US-PGPUB; USPAT	OR	ON	2005/10/12 09:52
S10 7	0	("6867903").URPN.	USPAT	OR	OFF	2005/10/12 09:57
S10 8	3	("20020176152"   "5619368"   "6487004").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/12 09:57
S10 9	1	("6487004").URPN.	USPAT	OR	OFF	2005/10/12 09:58
S11 0	20	("5619368").URPN.	USPAT	OR	OFF	2005/10/12 10:06
S11 1	0	"6952309".pn. and saturat\$6	USPAT	OR	ON	2005/10/12 10:05
S11 2	7	("5619368").URPN. and saturat\$6	USPAT	OR	OFF	2005/10/12 10:06
S11 3	9	("6347174").URPN.	USPAT	OR	OFF	2005/10/12 10:41
S11 4	4	("6661958").URPN.	USPAT	OR	OFF	2005/10/12 10:43
S11 5	12	("20030123826"   "20030133678"   "20040033041"   "5838867"   "6181858"   "6415089"   "6470126"   "6546177"   "6591048"   "6614976"   "6658190"   "6661958").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/12 10:46
S11 6	1	("6856744").URPN.	USPAT	OR	OFF	2005/10/12 10:46
S11 7	1	("6621619").URPN.	USPAT	OR	OFF	2005/10/12 10:48

S11 8	7	("6470126").URPN.	USPAT	OR	OFF	2005/10/12 10:50
S11 9	0	("6859599").URPN.	USPAT	OR	OFF	2005/10/12 10:51
S12 0	1	("6763168").URPN.	USPAT	OR	OFF	2005/10/12 10:54
S12 1	2	("6317252").URPN.	USPAT	OR	OFF	2005/10/12 10:55
S12 2	7	("6259552").URPN.	USPAT	OR	OFF	2005/10/12 11:07
S12 3	1	"5911015".pn.	USPAT	OR	OFF	2005/10/12 12:09
S12 4	8	"in-line" adj1 amplif\$6 with saturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 11:10
S12 5	8	"in-line" adj1 amplif\$6 with saturat\$6 and optic\$6 with fiber	US-PGPUB; USPAT	OR	ON	2005/10/12 11:10
S12 6	2	("6671466").URPN.	USPAT	OR	OFF	2005/10/12 11:44
S12 7	8	(NOLM (loop with mirror)) with parametric	US-PGPUB; USPAT	OR	ON	2005/10/12 11:48
S12 8	1	"5911015".pn. and (contin\$6 CW)	USPAT	OR	OFF	2005/10/12 12:09
S12 9	1	"5911015".pn. and (contin\$6 CW)	USPAT	OR	ON	2005/10/12 12:50
S13 0	29	kumar.in. and agrawal.in.	US-PGPUB; USPAT	OR	ON	2005/10/12 12:58
S13 1	0	kumar.in. and (agrawal.in. agarawal.in.) and wang.in. and su.in.	US-PGPUB; USPAT	OR	ON	2005/10/12 12:52
S13 2	0	kumar.in. and (agrawal.in. agarawal.in.) and wang.in.	US-PGPUB; USPAT	OR	ON	2005/10/12 12:52
S13 3	29	kumar.in. and (agrawal.in. agarawal.in.)	US-PGPUB; USPAT	OR	ON	2005/10/12 12:52
S13 4	0	kumar.in. and FWM and ASE and PM and PMD	US-PGPUB; USPAT	OR	ON	2005/10/12 12:59
S13 5	0	kumar.in. and FWM and ASE	US-PGPUB; USPAT	OR	ON	2005/10/12 12:59
S13 6	6	kumar.in. and FWM	US-PGPUB; USPAT	OR	ON	2005/10/12 13:39
S13 7	52	(regenerat\$6 with (bit with rate (BER))) and (regenerat\$6 same (NRZ RZ))	US-PGPUB; USPAT	OR	ON	2005/10/12 14:24
S13 8	85	SOA with saturat\$6 with amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 14:32
S13 9	0	AMZI with parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 14:33

S14 0	0	MZI with parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 14:33
S14 1	9	Mach with Zehnder with parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 15:31
S14 2	1	"6867903".pn. and parametric\$6 same amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 15:39
S14 3	0	"6636318".pn. and parametric\$6 same amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 15:39
S14 4	0	"6636318".pn. and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 15:43
S14 5	0	"6636318".pn. and saturat\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 15:42
S14 6	0	"6636318".pn. and satura\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 15:42
S14 7	0	"6636318".pn. and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 15:43
S14 8	1	("6636318").URPN.	USPAT	OR	OFF	2005/10/12 16:34
S14 9	0	MZI with limit\$6 near2 amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 16:35
S15 0	0	\$2MZI with limit\$6 near2 amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 16:35
S15 1	0	("6943925").URPN.	USPAT	OR	OFF	2005/10/12 16:46
S15 2	3	("6614582").URPN.	USPAT	OR	OFF	2005/10/12 18:46
S15 3	48	((high\$4 with nonlinear\$4) HNL) with ((dispersion with fiber) DSF) with amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 17:33
S15 4	1	"6813447".pn. and idl\$6 with wave\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 17:36
S15 5	1	"6813447".pn. and idl\$6 with wave\$6 and cavit\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 17:37
S15 6	1	"6813447".pn. and idl\$6 with wave\$6 and cavit\$6 and (ring\$4 with laser)	US-PGPUB; USPAT	OR	ON	2005/10/12 17:44
S15 7	0	"6813447".pn. and idl\$6 with wave\$6 and cavit\$6 and (ring\$4 with laser) and nrz	US-PGPUB; USPAT	OR	ON	2005/10/12 17:44
S15 8	1	"6813447".pn. and idl\$6 with wave\$6 and cavit\$6 and (ring\$4 with laser) and rz	US-PGPUB; USPAT	OR	ON	2005/10/12 17:46
S15 9	0	"6813447".urpn.	US-PGPUB; USPAT	OR	ON	2005/10/12 17:46
S16 0	1	"20020176152"	US-PGPUB; USPAT	OR	ON	2005/10/12 18:46

S16 1	1	"20020176152" and nrz	US-PGPUB; USPAT	OR	ON	2005/10/12 18:49
S16 2	1	"20020176152" and nrz and (saturat\$6 unsaturat\$6)	US-PGPUB; USPAT	OR	ON	2005/10/12 18:50
S16 3	0	"20020176152" and nrz and (saturat\$6 unsaturat\$6) and parametric\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 18:51
S16 4	1	"20020176152" and nrz and (saturat\$6 unsaturat\$6) and paramet\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 18:53
S16 5	1	"20020176152" and nrz and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 18:54
S16 6	0	"20020176152" and (nrz same input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 18:55
S16 7	1	"20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same amplif\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 19:06
S16 8	1	"20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same (slalom\$6 soa)	US-PGPUB; USPAT	OR	ON	2005/10/12 19:12
S16 9	1	"20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same (slalom\$6 soa) and SMZ	US-PGPUB; USPAT	OR	ON	2005/10/12 19:23
S17 0	1	"20020176152" and (nrz and input\$6) and (saturat\$6 unsaturat\$6) and paramet\$6 and "40" same (slalom\$6 soa) and SMZ and regenerat\$6	US-PGPUB; USPAT	OR	ON	2005/10/12 19:23